

[54] **METHOD FOR FORMING ON AN ELONGATED CORE MEMBER A COVERING OF THERMOPLASTIC MATERIAL BY EXTRUSION**

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[58] **Field of Search** 173/244, 109, 106, 107; 425/114, 113, 132; 264/167, 174, 96, 40, 264/177 R; 29/624; 156/47.51; 161/179; 174/105-107; 428/379, 399

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[57] **ABSTRACT**

This invention relates to a method for forming on an outer periphery of an elongated core member, a covering layer of thermoplastic material by extrusion, said covering layer including outwardly and diametrically extending enlarged portions thereon equally spaced from each other along the longitudinal axis of said covering, comprising the step of feeding said core member at a periodically varied velocity thereof through an extruder having a substantially constant volumetric flow of said thermoplastic material. Furthermore, this invention relates to a method for producing an insulated core member for a coaxial cable comprising the step of extruding on an elongated inner conductor an insulation of thermoplastic material with an enlarged portion and a reduced portion alternately provided thereon. Furthermore, this invention relates to a method for producing an electric wire free from growth of snow collecting thereon, said electric wire comprising a covering layer formed thereon by extrusion, said covering layer provided with longitudinal rib or ribs and a plurality of peripheral ribs spaced from each other along the longitudinal axis of said electric wire.

7 Claims, 32 Drawing Figures

